

The map displays a section of the 30th Ward in Chicago. The streets shown are S Logan Ave, S Sterling Ave, S 30th St, S Parker Ave, S Bryan Ave, S Sims Ave, W 31st St, Main St, and N Tabor Ave. A dashed line with a dot at the intersection of S Sims Ave and W 30th St indicates the project location. A circle labeled 'PROJECT LOCATION' is connected to this point by a solid line.

## C-0

**SEWER IMPROVEMENTS**  
**CITY JOB NUMBER 411-DS-0318**  
**JUNE 2006**

NOTE:  
1) CONTRACTOR SHALL DETERMINE THE PIPE MATERIAL OF EACH SERVICE CONNECTION THAT CONNECTS TO THE PIPE TO BE INSTALLED. IF VITRIFIED CLAY PIPE IS IDENTIFIED, ONE SEGMENT OF THE VITRIFIED CLAY PIPE SHALL BE REPLACED WITH POLYVINYL CHLORIDE PIPE, INCLUDING DROPS.  
2) ALL AREAS BARED BY CONSTRUCTION SHALL BE REPLACED WITH BLOCK SOD OF SIMILAR TYPE OF GRASS.  
3) CONTRACTOR WILL PROVIDE SEDIMENT CONTROL MEASURES SUCH AS SILT FENCING AND HAY BALES AROUND STORM SEWER INLETS.  
4) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXACT DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING ANY WORK.  
5) CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST 2 WORKING DAYS PRIOR TO START OF CONSTRUCTION.  
6) ALL OBSTRUCTIONS, INCLUDING BUT NOT LIMITED TO SIDEWALKS, CURBING AND SIGNAGE SHALL BE REMOVED AND REPLACED TO ORIGINAL CONDITION OR TUNNELED UNDER AS DIRECTED BY THE ENGINEER.  
7) ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF BRYAN STANDARD SPECIFICATIONS AND DETAILS.

LEGEND

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Prop. & Exist. Easements

Overhead Power Line

Existing Gas Meter

R.O.W. Line

Existing Property Lines

Existing Street Center Lines

Existing Power Poles

Sanitary Sewer Manholes

Water Meter

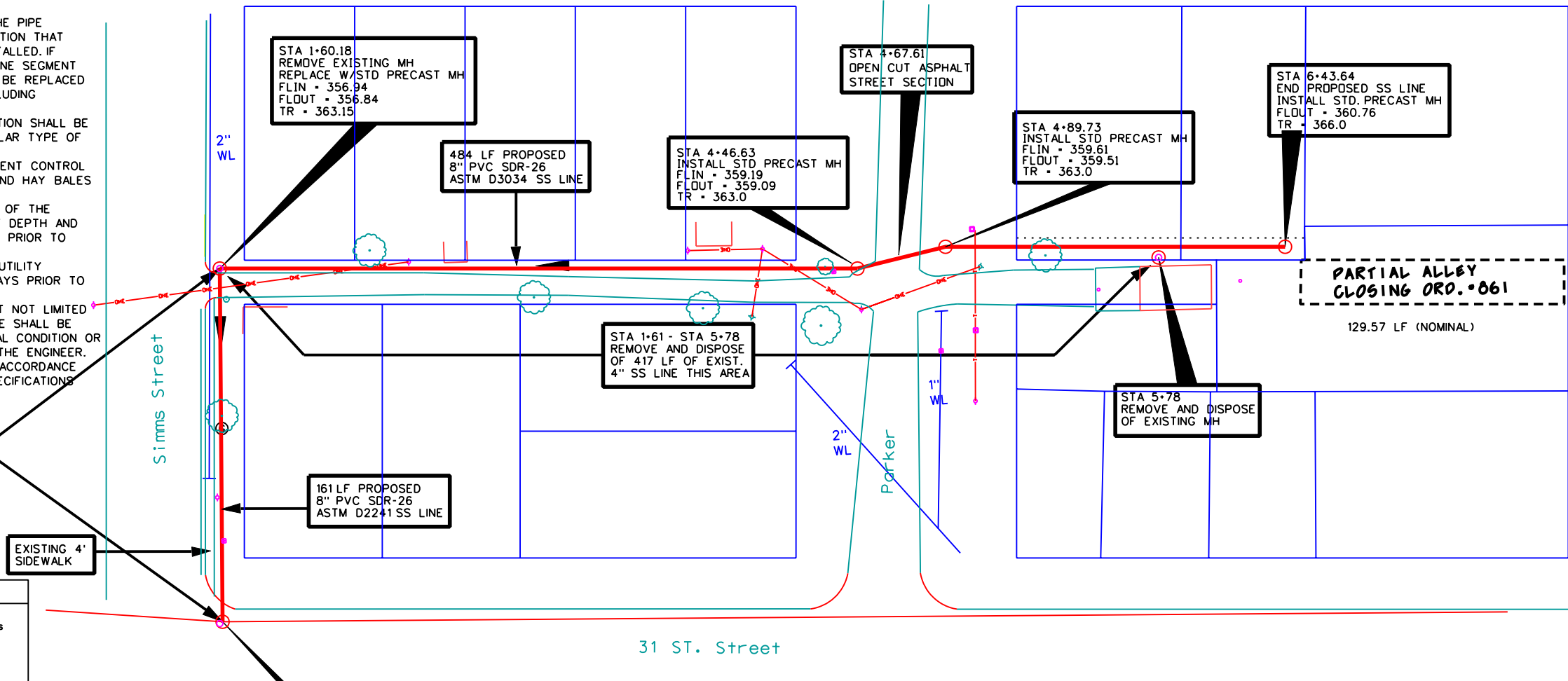
Existing Sidewalk

Guy wire and pole anchor

Existing 2" Water Line

Existing 6" Sewer Line

Proposed Sewer Line

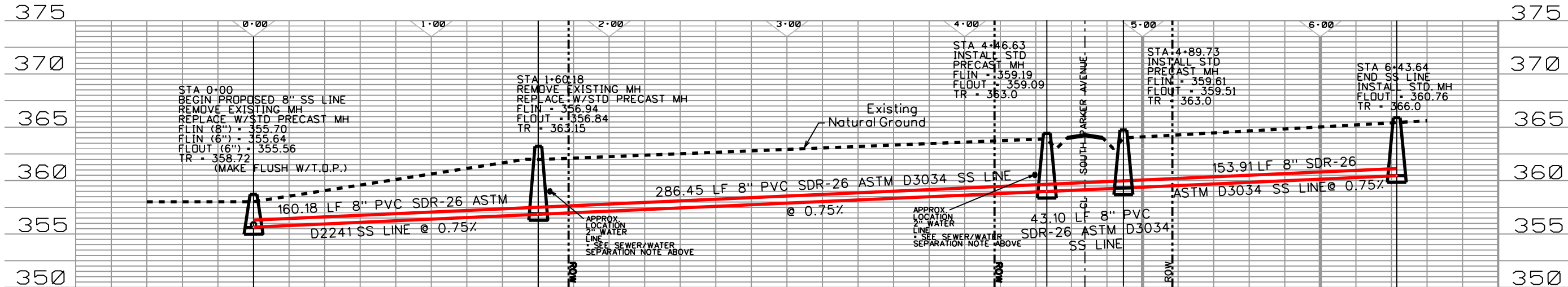


\*SEWER/WATER SEPARATION:

Where the proposed 8" sanitary sewer parallels a waterline, there shall be a minimum of 2' of vertical separation between outside diameters and a minimum of 4' horizontal separation between outside diameters. The sewer shall be located below the waterline.

Where the proposed 8" sanitary sewer crosses the existing waterline on absolute minimum distance of 6 inches between outside diameters shall be maintained. In addition the sewer shall be located below the waterline where possible and one length of the sewer pipe must be centered on the waterline.

EXACT LOCATION OF ALL UTILITIES TO BE DETERMINED BY CONTRACTOR PRIOR TO CONSTRUCTION - SEE GENERAL NOTE EIGHT



REV. DATE DETAILS

SANITARY SEWER LINE IMPROVEMENTS

SOUTH PARKER AVENUE

CITY JOB NUMBER 411-DS-0318

B

CITY OF BRYAN

The Good Life. True Style.

South Parker St.

PLAN & PROFILE  
STA 0+00 to 6+43.64

DRAWN BY: M.T.M.

DATE: May, 2006

SCALE: H - 1" = 30'  
V - 1" = 5'

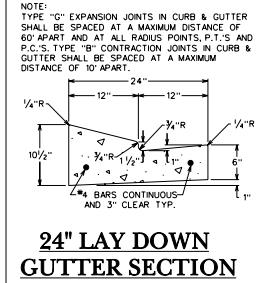
APPR:

FIGURE:  
C-1

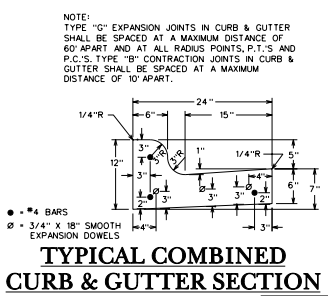
SHEET 1 of 1



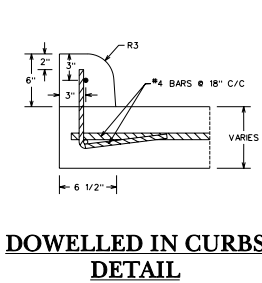




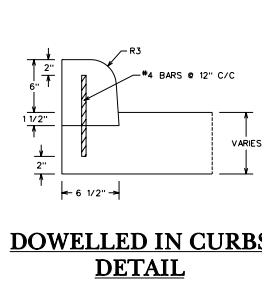
ST1-00



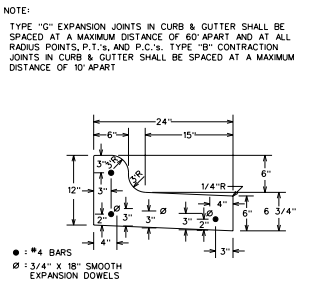
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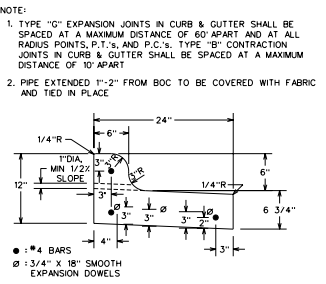
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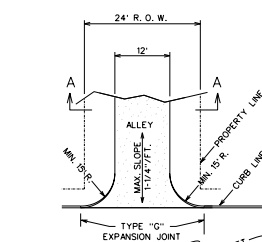
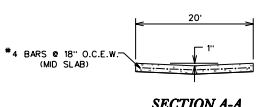
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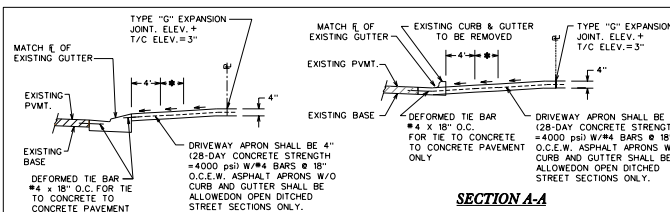
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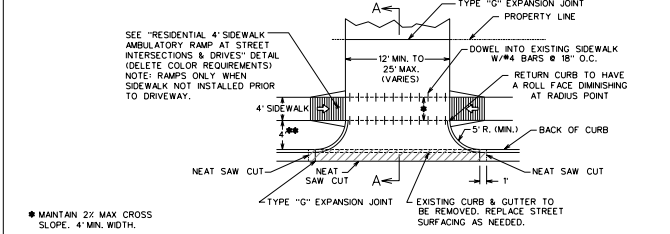
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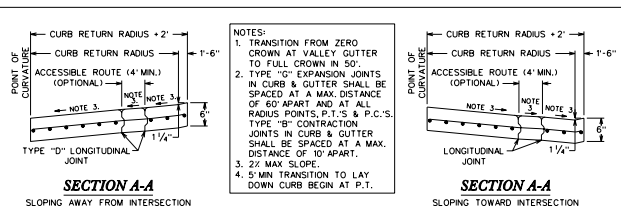
ST1-05



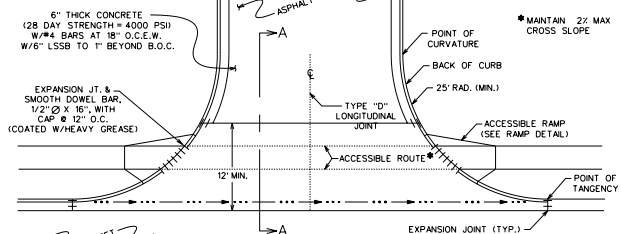
**SECTION A-A WITH LAYDOWN CURB**



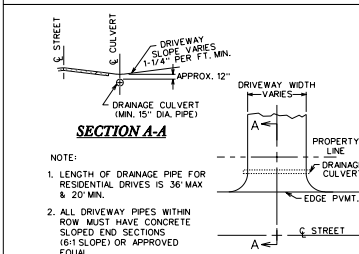
ST2-00



**TYPICAL STREET CONCRETE APRON**

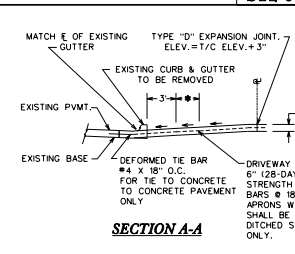


ST2-01

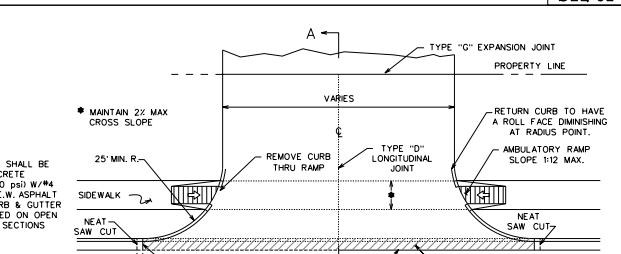


**TYPICAL DRIVEWAY ENTRANCE WITH CULVERT**

ST2-02

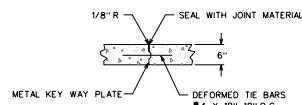


**TYPICAL DRIVEWAY ENTRANCE WITH CULVERT**



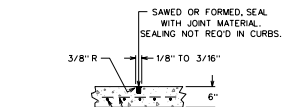
**COMMERCIAL DRIVEWAY**

ST2-03



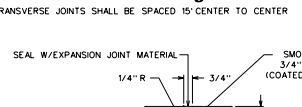
**TYPE "D" LONGITUDINAL JOINT**

LONGITUDINAL JOINTS SHALL BE REQUIRED ONLY ON THE CENTERLINE OF THE PAVEMENT & IN INTERSECTIONS AS DETAIL.



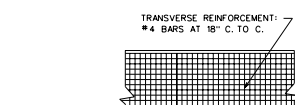
**TYPE "B" CONTRACTION JOINT**

TRANSVERSE JOINTS SHALL BE SPACED 15' CENTER TO CENTER



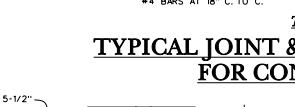
**TYPE "C" EXPANSION & CONTRACTION JOINT**

TO BE SPACED AT 60' INTERVALS & ALL RADIUS POINTS, P.C.'S, P.T.'S, & OPPOSITE P.I.'S, & ON ALL HORIZONTAL & VERTICAL CURVES



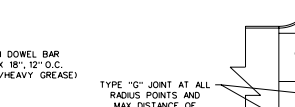
**TYPICAL JOINT & REINFORCEMENT LAYOUT FOR CONCRETE PAVEMENT**

LONGITUDINAL REINFORCEMENT: #4 BARS AT 18" C. TO C.



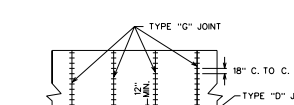
**METAL KEY WAY PLATE**

NOTE: EXPANSION JOINTS AS SHOWN AND AT EACH RADIUS POINT, CURB EXPANSION JOINTS SHALL BE AT 60' CENTERS. CURB CONTROL JOINTS SHALL BE AT 10' CENTERS.



**TYPICAL JOINT LAYOUT AT CONCRETE INTERSECTION**

NOTE: EXPANSION JOINTS AS SHOWN AND AT EACH RADIUS POINT, CURB EXPANSION JOINTS SHALL BE AT 60' CENTERS. CURB CONTROL JOINTS SHALL BE AT 10' CENTERS.



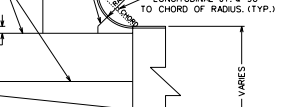
**TYPE "G" JOINT**

LONGITUDINAL JOINT, 90° TO CHORD OF RADIUS, (TYP.)



**TYPE "B" JOINT**

NOTE: EXPANSION JOINTS AS SHOWN AND AT EACH RADIUS POINT, CURB EXPANSION JOINTS SHALL BE AT 60' CENTERS. CURB CONTROL JOINTS SHALL BE AT 10' CENTERS.



**TYPE "C" JOINT**

NOTE: EXPANSION JOINTS AS SHOWN AND AT EACH RADIUS POINT, CURB EXPANSION JOINTS SHALL BE AT 60' CENTERS. CURB CONTROL JOINTS SHALL BE AT 10' CENTERS.



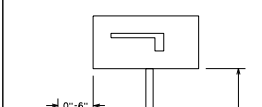
**TYPE "D" JOINT**

LONGITUDINAL JOINT, 90° TO CHORD OF RADIUS, (TYP.)



**TYPE "B" JOINT**

NOTE: EXPANSION JOINTS AS SHOWN AND AT EACH RADIUS POINT, CURB EXPANSION JOINTS SHALL BE AT 60' CENTERS. CURB CONTROL JOINTS SHALL BE AT 10' CENTERS.



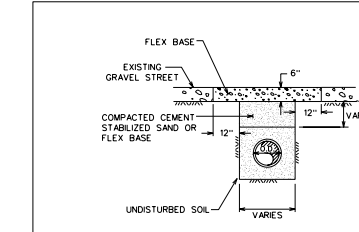
**TYPE "C" JOINT**

NOTE: EXPANSION JOINTS AS SHOWN AND AT EACH RADIUS POINT, CURB EXPANSION JOINTS SHALL BE AT 60' CENTERS. CURB CONTROL JOINTS SHALL BE AT 10' CENTERS.

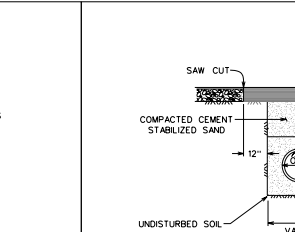


**MAILBOX DETAIL**

NOTE: EXPANSION JOINTS AS SHOWN AND AT EACH RADIUS POINT, CURB EXPANSION JOINTS SHALL BE AT 60' CENTERS. CURB CONTROL JOINTS SHALL BE AT 10' CENTERS.



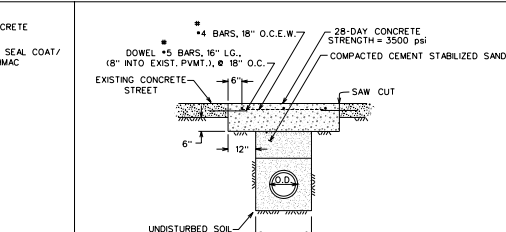
**OPEN CUT GRAVEL STREET**



**OPEN CUT SEAL COAT/ OVERLAY STREET**

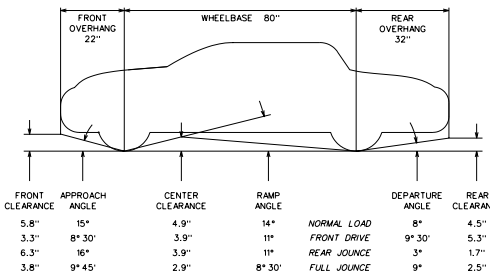
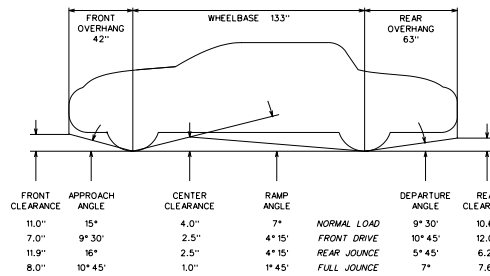
ST4-00

ST4-01



**OPEN CUT CONCRETE STREET**

ST4-02

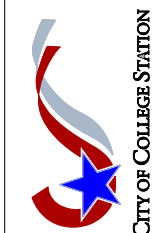


ST4-03

**GENERAL NOTES:**  
ALL AREAS WHERE EXISTING VEGETATION AND GRASS COVER HAVE BEEN BARED BY CONSTRUCTION SHALL BE ADEQUATELY BLOCK SOODED OR HYDROMULCHED AND WATERED UNTIL GROWTH IS ESTABLISHED. IN DEVELOPED AREAS WHERE GRASS IS PRESENT, BLOCK SOO WILL BE REQUIRED. BARED AREAS SHALL BE SEED OR SOODED WITHIN 14 CALENDAR DAYS OF LAST DISTURBANCE.  
APPROVED EROSION CONTROL MEASURES MUST BE INSTALLED DURING THE ENTIRE TIME THAT EARTH HAS BEEN BARED BY CONSTRUCTION AND SHALL STAY IN PLACE UNTIL ACCEPTABLE VEGETATIVE GROWTH IS ESTABLISHED AFTER CONSTRUCTION IS COMPLETE AND THEN REMOVED BY CONTRACTOR.  
ALL EROSION CONTROL MEASURES SHOULD BE CLEANED OF SILT AFTER EVERY RAIN.

REVISIONS:

**BRYAN - COLLEGE STATION  
STANDARD STREET DETAILS**



DRAWN BY: C.L.M.  
DATE: 06-01-05  
SCALE: N T S  
APPROVED: W. P. K.

FIGURE:  
**ST**  
SHEET 1 OF 1